

Focus Area 15: Injury and Violence Prevention

Objective 15-15a targets an overall reduction in the motor vehicle crash death rate to 8.0 per 100,000 population.

California's age-adjusted death rates for motor vehicle crash deaths increased from 9.5 per 100,000 population in 2000 to 11.7 per 100,000 in 2004, but this was not a statistically significant trend (Figure 15-15, Table 15-15). California's motor vehicle crash death rates are significantly higher than the HP2010 objective of 8.0 per 100,000 population, and are increasing away from the target.

Age-adjusted motor vehicle crash death rates for males (16.2 per 100,000 in 2004) were significantly higher than those for females (7.3 per 100,000 in 2004). This HP2010 objective is being achieved for females, but not for males as of 2004.

Data by race and ethnicity show that the highest age-adjusted motor vehicle crash death rates were found for Whites (12.8 per 100,000 in 2004), followed by African Americans/Blacks (12.7 per 100,000 in 2004), and Hispanics/Latinos (11.8 per 100,000 in 2004). This objective is not being achieved for any of these racial and ethnic groups as of 2004, and a statistically significant increase was found in the death rates for Whites. The HP2010 objective is being achieved only for the Multirace population (5.7 per 100,000 in 2004). Death rates for the Pacific Islander population were unreliable due to the small number of events and are not reported here.

For more information on motor vehicle crashes in California, visit the Chronic Disease and Injury Control (CDIC) Web site at:

<http://www.dhs.ca.gov/ps/cdic/>

And the Epidemiology and Prevention for Injury Control (EPIC) site at:

<http://www.dhs.ca.gov/epic/>

For more information on Healthy People 2010 objective 15-15a, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

Figure 15-15a
Motor Vehicle Crash Death Rates
California, 2000-2004

Healthy People 2010 Objective = 8.0

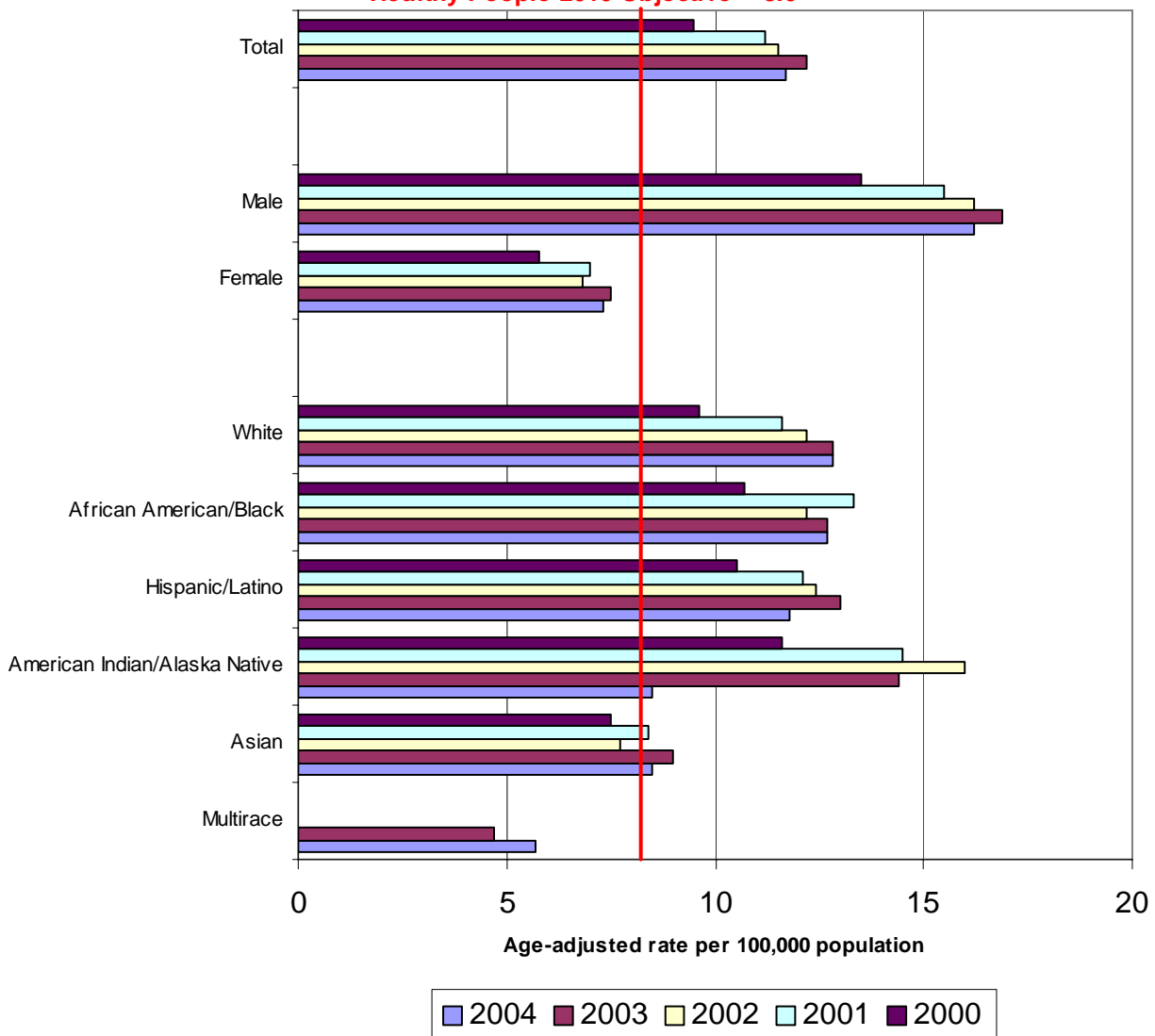


Table 15-15a: Motor Vehicle Crash Deaths and Death Rates, California 2000-2004

Objective 15-15a	2000		Lower 95% C.I.	Upper 95% C.I.	2001		Lower 95% C.I.	Upper 95% C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		8.0				8.0		
Statewide Total	3,168	9.5	9.2	9.8	3,829	11.2	10.8	11.5
Race-Ethnicity								
African American/Black	233	10.7	9.3	12.0	297	13.3	11.7	14.8
American Indian/Alaska Native	23	11.6	6.8	16.4	29	14.5	9.0	20.1
Asian	262	7.5	6.6	8.5	316	8.4	7.4	9.3
Hispanic/Latino	1,010	10.5	9.7	11.2	1,234	12.1	11.3	12.9
Pacific Islander	19	DSU	-----	-----	13	DSU	-----	-----
White	1,606	9.6	9.1	10.1	1,920	11.6	11.1	12.2
Multirace	15	DSU	-----	-----	16	DSU	-----	-----
Gender								
Female	972	5.8	5.4	6.1	1,210	7.0	6.6	7.4
Male	2,196	13.5	12.9	14.0	2,619	15.5	14.9	16.1

Objective 15-15a	2002		Lower 95% C.I.	Upper 95% C.I.	2003		Lower 95% C.I.	Upper 95% C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		8.0				8.0		
Statewide Total	4,015	11.5	11.1	11.8	4,344	12.2	11.8	12.5
Race-Ethnicity								
African American/Black	277	12.2	10.7	13.6	297	12.7	11.3	14.2
American Indian/Alaska Native	35	16.0	10.5	21.6	38	14.4	9.8	19.0
Asian	295	7.7	6.8	8.6	349	9.0	8.1	10.0
Hispanic/Latino	1,359	12.4	11.6	13.1	1,479	13.0	12.2	13.7
Pacific Islander	14	DSU	-----	-----	12	DSU	-----	-----
White	2,016	12.2	11.7	12.8	2,128	12.8	12.2	13.4
Multirace	18	DSU	-----	-----	34	4.7	3.0	6.4
Gender								
Female	1,212	6.8	6.5	7.2	1,361	7.5	7.1	7.9
Male	2,803	16.2	15.6	16.8	2,983	16.9	16.3	17.5

Objective 15-15a	2004		Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
	N	Rate ¹				
Healthy People 2010 Target		8.0				
Statewide Total	4,254	11.7	11.4	12.1	ns	No
Race-Ethnicity						
African American/Black	309	12.7	11.3	14.2	ns	No
American Indian/Alaska Native	24	8.5	5.0	12.0	ns	No
Asian	345	8.5	7.6	9.4	ns	No
Hispanic/Latino	1,420	11.8	11.2	12.5	ns	No
Pacific Islander	14	DSU	-----	-----	n/a	Unk
White	2,100	12.8	12.2	13.3	Sig. +	No
Multirace	39	5.7	3.7	7.8	ns	Yes
Gender						
Female	1,341	7.3	6.9	7.7	ns	Yes
Male	2,913	16.2	15.6	16.8	ns	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Motor vehicle crash deaths defined by ICD-10 codes V02-V04 (0.1-0.9), V09.2, V12-V14 (0.3-0.9), V19 (0.4-0.6), V20-V28 (0.3-0.9), V29-V79 (0.4-0.9), V80 (0.3-0.5), V81.1, V82.1, V83-V86 (0.0-0.3), V87 (0.0-0.8), V89.2.

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard.

Sig. + Statistically significant increase in age-adjusted death rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points)

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).